PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

o.s. Palent and Trademark Onice, o.s. DEPARTMENT OF COMMERCE of the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

| Complete if Known | | | |
|------------------------|--------------------|---|--|
| Application Number | 10/605,177 | | |
| Filing Date | September 12, 2003 | _ | |
| First Named Inventor | Burr | | |
| Art Unit | 2877 | | |
| Examiner Name | | | |
| Attorney Docket Number | 78.1171 | | |

| | | | U. S. PATENT D | OCUMENTS . | |
|-----------------------|--|--|--|--|--|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (F known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear |
| | | US- | | | - I I I I I I I I I I I I I I I I I I I |
| | <u> </u> | | | | |
| | | US- | | | |
| | | US- | | | |
| <u> </u> | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| - | | US- | | | |
| | 1 | US- | | | |
| | | US- | | | |
| | | US- · | | | |
| | 1 | US- | | | |
| | | US- | | · · · · · · · · · · · · · · · · · · · | |
| | | US- | | | |
| | | US- | | · · · · · · · · · · · · · · · · · · · | |
| | | US- | | | |
| | | US- | | | |
| | † | US- | | | |
| | 1 | US- | | | |
| | | US- | | | |

| | | FORE | IGN PATENT DOCU | JMENTS | | |
|--------------------|--------------|---|------------------------|--|---|----------|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | - |
| | | Country Code ³ Number ⁴ Kind Code ³ (if known) | MM-DD-YYYY | | Or Relevant Figures Appear | |
| JW- | | GB 2332461 A | 06-23-1999 | Baker Hughes | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Examiner Signature Date Considered \$123/65

*EXAMINER: Initial if reference considered, whether or not citation is the conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ider the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Complete if Known | | |
|------------------------|--------------------|--|
| Application Number | 10/605,177 | |
| Filing Date | September 12, 2003 | |
| First Named Inventor | Burr | |
| Art Unit | 2877 | |
| Examiner Name | | |
| Attorney Docket Number | 78.1171 | |

| U. S. PATENT DOCUMENTS | | | | | |
|---|--------------|--|-----------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (# known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | - | US- | + | | |
| | ļ | US- | | | |
| | L | <u> </u> | | | |
| | | US- | | | |
| | 1 | US- | | - 44 | |
| | | UŞ- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | 1 | US- | | · · · · · · · · · · · · · · · · · · · | |
| *************************************** | | US- | | | |
| - | | US- | 1 | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | • | |

| | | FORE | IGN PATENT DOCL | JMENTS | | |
|------------------------------|--|---|---------------------|--|---|----|
| Examiner Cite Initials* No.1 | | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
| | | Country Code ³ "Number ⁴ "Kind Code ⁵ (if known) | MM-DD-YYYY | | Or Relevant Figures Appear | T⁵ |
| MW | | GB 2098284 A | 11/17/1982 | Hughes Tool Co. | | |
| 1 | | GB 2331773 A | 06/02/1999 | Smith Internat | | |
| | | GB 2331774 A | 06/02/1999 | Smith Internat | | |
| | | GB 2331775 A | 06/02/1999 | Smith Internat | | |
| 5/6 | | EP 0467871 A3 | 12/02/1992 | Hughes Tool Co | | |
| 7/ | | EP 0515780 A1 | 12/02/1992 | Hughes Tool Co | | |

| Examiner Signature | Swal | lin | Date Considered | 8/23/05 |
|-----------------------|------|-----|--------------------|---------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE vork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

tute for form 1449/PTO

Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Complete if Known | | | |
|------------------------|--------------------|--|--|
| Application Number | 10/605,177 | | |
| Filing Date | September 12, 2003 | | |
| First Named Inventor | Burr | | |
| Art Unit | 2877 | | |
| Examiner Name | | | |
| Attornov Docket Mumber | 70 1171 | | |

| | U. S. PATENT DOCUMENTS | | | | | |
|-----------------------|--|---|--------------------------------|--|---|--|
| Examiner Initials* | Cite No. | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | <u> </u> | Number-Kind Code ^{2 (I known)} | <u> </u> | | , igaics, appear | |
| | ļ | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| ····· | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | 1 | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | , | | |
| | 1 | US- | | | | |
| | | US- | | | | |
| | | US- | 1 | | | |

| - | | FORE | IGN PATENT DOCL | JMENTS | | |
|--------------------|--------------|---|---------------------|--|---|---|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
| | | Country Code ³ "Number ⁴ "Kind Code ³ (If known) . | MM-DD-YYYY | | Or Relevant Figures Appear | T |
| NW | | WO 98/15709 A1 | 04/16/1998 | Sandvik AB | | |
| V | | | | | | |
| | | | | | | L |
| | | | | | | Ļ |
| | | | | | | L |
| | [| | i i | | | 1 |

| | | | | 4 |
|-----------------------|-------|--------------------|------|----|
| Examiner Signature | Solva | Date Considered | 8/23 | 20 |
| | | | | |

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Aind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

7:37

78.1171

BEST AVAILABLE COPY

Fax: 281-8785720

| Under the Paperwork Reduction Act of 1886, no pageons are required to Substitute for form 1449/PTO | Approved for use through 07/31/2008. OMB 0551-0031 U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to respend to a collection of Information unless if contains a valid OMB control number. Complete if Known | | |
|---|--|--------------------|--|
| • | Application Number | 10/805.177 | |
| INFORMATION DISCLOSURE | Filing Date | September 12, 2003 | |
| STATEMENT BY APPLICANT | First Named Inventor | Burr | |
| (Use as many sheets as nocessary) | Art Unit | 2877 | |
| (Ast to though orice to as lunctuality) | | | |

Examiner Name Attorney Docket Number

| Examiner | C:46 | Day-not Name | U. S. PATEN | DOCUMENTS. | 11/ | 1 |
|----------|-------------|---------------------------------------|-----------------------------|-----------------------------|--|--------------------------------|
| mitals* | Cito No. | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or | Pages, Coly | nns, Lines, Wildre |
| 1 | | Number-Kind Code ^{2 p bound} | (VUV)-D-1111 | Applicant of Cited Document | Rafevant Pag | Selpés or Rélevien BEAppoar |
| nill . | | ^{U8-} 1884965 B1 | 03-28-1928 | Baggett et al. | | |
| | | ^{U8-} 3127942 B1 | 04-07-1964 | Neilson | 1,1 | 1 7 |
| _لل_ | | US- 3299973 B1 | 01-24-1967 | Swart et al. | | 1 ./ |
| | | ^{U8-} 3397928 B1 | 08-20-1988 | Galle | | / |
| | | ^{US-} 3467448 B1 | 09-16-1969 | Galle | | / - |
| | | ^{US-} 3656764 B1 | 04-18-1972 | Robinson | | / |
| | | ^{US-} 3746405 B1 | 07-17-1973 | Welton | | |
| | | ^{UB-} 3765495 B1 | 10-18-1973 | Murdoch et al. | | _/ |
| | | US- 3944306 B1 | 03-16-1976 | Neilson | | / |
| | | US-4014595 B1 | 03-29-1977 | Dolezal | | * |
| | | ^{US-} 4037673 B1 | 07-26-1977 | Justman | | 1 |
| | | ^{US-} 4073548 B1 | 02-14-1978 | Walters | // | |
| | | ^{US-} 4168868 B1 | 09-25-1979 | Shields | | |
| | | US- 4194795 B1 | 03-25-1980 | Rife | 1 / / | |
| | | U\$ 4200343 B1 | 04-29-1980 | Highsmith | - -/- - | \ |
| | | us- 4209890 B1 | 07-01-1980 | Koskie Jr | 1 / 1 | · / |
| | | US- 4248484 B1 | 02-03-1981 | Newcomb | 1/- | |
| | | US- 4277109 B1 | 07-07-1981 | Crow | | |
| | | US- 4277110 B1 | 07-07-1981 | Fox | ++ | |

| | | FORE | GN PATENT DOCU | MENTS | · · · · · · · · · · · · · · · · · · · | |
|-----------|----------|--|---------------------|-----------------------------|---|----------------|
| | No.1 | Fareign Patent Document | Publication Date | Name of Patentee or | Pages, Columns, Lines, | T |
| | ,,,,, | Country Code ³ "Number ⁴ "Kind Code ³ (4 known) | MM-DD-YYYY | Applicant of Cited Document | Where Rolevant Passages Or Relevant Figures Appear | T [©] |
| | | | | | | |
| | | · | | | | |
| _ | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | 1 | |
| Exeminer |] | 610/1/ | | Date | d LD OF | |
| Signature | <u> </u> | Swill | | Considered | 8/23/05 | |

*EXAMINER: Initial if reference consistered, whether or not clasion is in conformance with MPEP 609. Graw are through criation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Decuments at https://www.next.org/normal/ or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must proceed the serial number of the patent document. Sind of document by the sphropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Transplace is ettached.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-600-PTO-9199 (1-600-788-9199) and select option 2.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2,

BEST AVAILABLE COPY

| | F1 C/88/108/103 |
|--|--|
| | Approved for use through 07/31/2008. OMB 0851-0031 |
| | |
| Under the Paperwork Reduction Act of 1896, he commons are required to me | U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE |
| The state of the s | POWD 10-4-140 CD0/L Of INTOTACION BY SALES IS CONTRIBED A VAILA COMP. CONTRIBED ASSESSMENT ASSESSME |

Bubstitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 10/805,177 Filing Date September 12, 2003 First Named Inventor Burr Art Unit 2877 Examiner Name Attorney Docket Number | 78.1171

7:37

| Examiner Initials | No. | Document Number | Publication Date | T DOCUMENTS Name of Patentee or | Page /Colum | as Lines, Wheel |
|----------------------|-----|---------------------------------------|------------------|----------------------------------|--|--|
| . / | NO. | Number-Kind Code ^{2 # trans} | MM-OD-YYYY | Applicant of Cited Document | Relevant Page | ps Lings, Where the go of Relevan s Appear |
| W | | US- 4279316 B1 | 07-21-1981 | Helmick | 1 | 1 |
| | | ^{US} 4279450 B1 | 07-21-1981 | Morris | 1 | |
| | | US- 4372624 B1 | 02-08-1983 | Neilson | | |
| | | ^{US-} 4404840 B1 | 09-20-1983 | Burr et al. | | / |
| | | ^{U\$-} 4428588 B1 | 01-31-1984 | Oelke | | |
| | | ^{US-} 4428687 B1 | 01-31-1984 | Zahradnik | | / |
| | | us-4429854 B1 | 02-07-1984 | Kar et al. | 1 | |
| | | US-4430472 B1 | 02-07-1984 | Guzy | - - - - - - - - - - | / |
| | | ^{US-} 4452539 B1 | 06-05-1984 | Evans et al. | | / |
| | | ^{U8-} 4466621 B1 | 08-21-1984 | Gamer et al. | — | |
| | | ^{US-} 4519719 B1 | 05-28-1985 | Burr | / | / |
| | | ^{US-} 4554985 B1 | 11-28-1985 | Backlund | / | 7 |
| | | US- 4588309 B1 | 05-13-1986 | Uyehara | 1 | |
| | | US- 4610319 B1 | 09-09-1986 | Kalsi | | |
| | | US- 4613004 B1 | 09-23-1986 | Shotwell | 1-/ | 1 |
| | | US- 4619534 B1 | 10-28-1986 | Daly et al. | 1 | \ |
| | | US- 4623028 B1 | 11-18-1986 | Murdoch et al. | 1/- | 1 |
| \sqrt{I} | | US- 4934467 B1 | 06-19-1990 | Langford Jr | 1/2 | 1 |
| V | | US- 5005989 B1 | 04-09-1991 | Karlsson | 1/ | |

| Cite No. | Foreign Patent Document | Publication | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages | |
|-------------|--|-------------|--------------------------|---|--|
| | Country Code ³ "Number * "Kind Code ⁵ (If known) | MM-DD-YYYY | replication of the order | Or Relevant Figures Appear | |
| | | | | | |
| | | | | | |
| | · | | • | | |
| | · | | | | |
| | | | | | |
| | | | | 1 | |
| | No. | No.' | No.' Date | No.' Date Applicant of Cited Document | |

Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with need communication to applicant. *Applicant's unique citation designation number (optional). *Bee Kinds Codes of USPTO Patent Documents at www.usnto.cov or MPEP 801.04. *Enter Office that leasued the document, by the two-letter code (WIPO Standard 87.9). *For Japanase patent documents, the indication of the year of the reign of the Emparur must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard 97.18 if possible. *Applicant is to place a check mark here if English language Transition is attached.

Transplon is effection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the immunit of time you require to complete this form and/or suggestions for reducing this burdon, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO This ADDRESS. SEND TO: Chamilasioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-768-9199) and select option 2.

Sheet 13

Signature

(Use as many sheets as necessary)

BEST AVAILABLE COPY

Fax: 281-8785720

PTO/88/08A (08-05) Approved for use through 07/31/2008, OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449/PTO Complete if Known Application Number 10/605,177 Filing Date INFORMATION DISCLOSURE September 12, 2003 First Named Inventor Burr STATEMENT BY APPLICANT Art Unit 2877

Examiner Name

Attorney Dockst Number 78,1171 U. B. PATENT DOCUMENTS Examinar **Document Number** Rages Chumba Lines Whele Relevant Baugings of Antivant ass Figure Ropear Su Publication Date MM-DD-YYYY Name of Patentce of Initiate Applicant of Cited Document Number-Kind Gode^{2 (F a} ^{U8-} 5027911 B1 07-02-1991 Dysart ^{U8-}5129471 B1 07-14-1992 Mauretad et al. US- 5152353 B1 10-06-1992 lDenton US- 5230520 B1 07-27-1993 Dietle US- 5323883 B1 08-28-1994 Denton ^{U9-}5358061 B1 10-25-1994 Van Nguyen US-5362073 B1 11-08-1994 Upton et al. US- 5402858 B1 04-04-1995 Quantz U8-5441120 B1 08-15-1995 Dysart US-5452771 B1 09-26-1995 Blackman US-4156470 B1 05-29-1979 Bodine et al. U\$ 4253710 B1 03-03-1981 Goodman ^{U8-}4256351 B1 03-17-1981 Langford Jr US- 4280571 B1 07-28-1981 Fuller US-4289321 B1 09-15-1981 Cather Jr US-4386668 B1 06-07-1983 Parish ^{U8-}4496013 B1 01-29-1985 Serpa US- 4515228 B1 05-07-1985 Dolezai et al US- 4688651 B1 08-25-1987

| | camper Cite | | Foreign Patent Document | GN PATENT DOCU | Name of Patentee or | Pages, Columns, Lines, | |
|----------|-------------|------|---|---------------------|-----------------------------|---|--|
| *Blattir | | No.' | Country Code ³ Number ^a Trind Code ³ (Fiknawn) | WRY-DD-YYYY Date | Applicant of Cited Document | Where Relevant Passages Or Relevant Figures Appear | |
| _ | \dashv | | | | | | |
| - | \dashv | - | | | | | |
| | \perp | | | | | | |
| | \Box | | | | | | |
| | - 1 | - 1 | | | | | |

Dysart

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw this through citation if not in conformance and not considered, include capty of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Occurrents at https://www.upsto.gog/ or MPEP 901.04. Sender Office that issued the document, by the two-letter code (WIPO Standard 87.3). For Japanesse patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the petent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard 87.16 if possible. Applicant is to place a check mark here if English language Translation to attached.

Considered

Transparent is attached.
This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 33 U.S.C. 122 and 97 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for inducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select collon 2.

7:38

BEST AVAILABLE COPY

Attorney Docket Number 78.1171

| | PTO/BB/08A (08-05) |
|--|---|
| | Approved for use through 07/31/2006, OMB 0851-0031 |
| what the Dames under Deduction Are of appear | II Q Dahad and Trademak Affair to BEDANTIES AN ANTICOME |
| der the Paparwork Reduction Act of 1985, no persons are regulated to respond t | sectors fortune RMO biles a sectors if sector rollamon of notice B of |

Fax: 281-8785720

Complete if Known Substitute for form 1449/PTO Application Number 10/605,177 Filing Date INFORMATION DISCLOSURE September 12, 2003 First Named Inventor Burr STATEMENT BY APPLICANT Art Unit 2877 (Use as many shoots as necessary) Examiner Name

| Kaminer | T File | Document Number | U, 8, PA | TENT DOCUM | | | |
|-----------------|-------------|--|---------------------------|---------------------|--|--|--|
| tiela* | No. | Number-Kind Code ³ Phone | Publication t MM-OD-YY | | Name of Patentee or optioant of Cited Document | Peges, Colon Relevant Pasa C/95 Figure | THE LINES, WHERE |
| MW | | ^{US-} 5137097 B1 | 08-11-199 | 2 Fernar | ndez | 1000 | s Abbeen 20 |
| 1 | | ^{US-} 5224560 B1 | 07-08-199 | 3 Fernar | ndez | | |
| | | US- 5456327 B1 | 10-10-198 | 5 Dentor | ret al. | | |
| | | ^{US-} 5485890 B1 | 01-23-199 | 6 Cawth | orne et al. | | |
| | | ^{US-} 5513711 B1 | 05-07-199 | | | 1 | |
| | | ^{U8-} 5513715 B1 | 05-07-199 | 6 Dysart | | 1 | /- |
| | | ^{U8-} 5518077 B1 | 05-21-199 | 6 Blackn | nan et al | 1 | 1/ |
| | | ^{US-} 5524718 B1 | 06-11-199 | 8 Kirk et | al, | | / |
| | | ^{US-} 5570750 B1 | 11-05-199 | 6 William | ns | | |
| | | ^{U8-} 5644956 B1 | 07-08-199 | 7 Blackm | nan et al. | | 1 |
| | | ^{US-} 5655611 B1 | 08-12-199 | 7 Doleza | l et al. | | |
| | | ^{U8-} 5678829 B1 | 10-21-199 | 7 Kalsi e | t al. | / | |
| | | ^{US-} 5740871 B1 | 04-21-199 | 8 William | is a | | |
| | | UB- 5842700 B1 | 12-01-199 | 8 Fange | t al. | / | |
| | | US- 5842701 B1 | 12-01-199 | 8 Cawtho | orne et al, | | |
| | | US- 5873576 B1 | 02-23-199 | 9 Dietle | et al. | 1 | 1 |
| | | ^{UB-} 5887981 B1 | 03-30-199 | - 1 | ter Jr et al. | 1 | |
| | | ^{U8-} 6033117 B1 | 03-07-200 | 0 Carlve | au et al. | 7 | |
| W | | ^{U8-} 6142249 B1 | 11-07-200 | 0 Zahrad | nik et al. | - | |
| | | | FOREIGN P | ATENT DOCU | MENTS | | |
| aminer iale* | Cite No. | Foreign Patent Document | | Publication Date | Name of Palantee or Applicant of Cited Document | Pages, Column Where Relevant | s, Lines, |
| | | Country Oade "Number " Kind Code" (# & | 1 | MM-DD-YYYY | | | ures Appear 1 |

| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date | Name of Palentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | |
|-----------------------|-------------|--|------------------|--|---|--------------------------|
| | ,,,,, | Country Ogde ² "Number ³ "Kind Code ³ (# known) | MM-DD-YYYY | Abicall of Order Document | Or Relevent Figures Appoar | |
| | | | | | | |
| | | | | , | | |
| | | | | | | ļ_ |
| | | | - | | | ├ |
| | | | | | , | |
| Examiner Signature | | Mull | · | Date Considered | \$12310 | $\overline{\overline{}}$ |

Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP sos. Draw the through citation if not in conformance and not considered, include copy of this form with next communication to explicant. *Applicant's unique challon designation number (optional). *See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gog.co.or.wipep.gog.co

the appropriate symbols as indicated on the document under WIPO standard of the possible. Applicant is to piece a enter mark note it angular torquely Transistion is attached.

This collection of Information is required by 37 CFR 1.87 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 33 U.S.C. 122 and 37 CFR 1.14. This collection is catimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any commands on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Means application in completion the form call 1-800-9769-9189 (1-800-788-9189) and select option 2.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

BEST AVAILABLE COPY

PTC/SBASA (08-03)
Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperweitk Reduction Act of 1995, no cersons are required to respond to a collection of information unless it contrains a valid OMB control number. Complete If Known Substitute for form 1449/PTQ Application Number 10/605,177 Filing Date September 12, 2003 INFORMATION DISCLOSURE First Named Inventor Burr STATEMENT BY APPLICANT Art Unit 2877 (Use as many sheets os necessary) Examiner Name

Sheet 5 Attorney Docket Number 78.1171 U. S. PATENT DOCUMENTS Pages, Columne, Unes, Wilson (Sevent Passage of Relevant) Name of Petenties or Applicant of Cited Document Publication Date Document Number Indais* Number-Kind Code Floor <u ^{U8-}6170830 B1 01-09-2001 Cawthome et al. ^{US-} 6173964 B1 01-16-2001 Bell et al. US- 6179298 B1 01-30-2001 Cawthome et al. ^{U8-}6209185 B1 04-03-2001 Scott US- 8247545 B1 06-19-2001 Burr et al. US- 6254275 B1 07-03-2001 Slaughter Jr et al. US-6305483 B1 10-23-2001 Portwood US 6357540 B1 03-19-2002 Page et al. US- 6474424 B1 11-05-2002 Saxman US-US-USus. US. 119 US. US-Tig. FOREIGN PATENT DOCUMENTS Cite No. Foreign Patent Document Examine Name of Patentine or Pages, Columna, Lines Where Relevant Passages Or Relevant Figures Appear Date Applicant of Cited Document 70 MM-DD-YYYY Country Cods* "Number * "Kind Cods* (# known) Date Considered

EXAMINER: Initial if reference considered, whather or not citation is in conformance with MPEP 809. Draw line through distion if not in conformance and not considered. Include copy of this turn with next communication to applicant. Applicants unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.ussig.gov or MPEP 901.04. Senier Office that issued the document, by the two-letter code (WIPO Standard 87.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Wind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to piece a check mark here if English language Translation is absorbed.

Translation is attached.

This collection of information to required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Consideratelity is governed by 38 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any commands on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Petent and Trademark Office, P.O. 80x 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 4450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.